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#42 Collection #42 Tracking/Designated Lineages Fastest 100 Plus Recent Designations

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This collection keeps track of recent designated lineages - daily updated

Suggested baseline (6 Dec 2023):
JN.1* (Nextclade)

This collection was last updated at Fri 23 Feb 2024 13:52 UTC.

Variants

World ▾

Past 6 months	from 2023-08-28 📅	to 2024-02-21 📅

Baseline: You can select a baseline variant to compare the variants in the collection against that variant. **Currently, the baseline variant is XBB.1.5* (Nextclade).**

xbb.1.5* (Nextclade) ✕   ✕ ▾

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only

TABLE   SEQUENCES OVER TIME   MUTATIONS

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	Name	Query	Number sequences	Submitted in past 10 days	Relative growth advant... ↓	CI (low)	CI (high)	Description
⭐	KP.1 (JN.1.11.1.1; BA.2.86.1.1.11.1.1)	JN.1.11* (Nextclade) + S:F456L, S:K1086R	35	9	298.96%	183.73%	414.18%	S:K1086R
⭐	JN.1.23 (BA.2.86.1.1.23)	(nextcladePangoLineage:JN.1 & [3-of:S:K444R, S:Y453F, ORF1a:A307V, ORF1a:P2144L]) | nextcladePangoLineage:JN.1.23*	12	5	153.39%	79.77%	227.02%	S:K444R S:Y453F ORF1 NSP3:P1326L
⭐	JN.1.11.1 (BA.2.86.1.1.11.1)	JN.1.11.1* (Nextclade)	112	26	121.46%	101.67%	141.25%	S:F456L
⭐	XDS	XDS* (Nextclade)	37	13	121.34%	89.03%	153.66%	EG.5.1.3/JN.3.2.1 recom
⭐	JN.1.7 (BA.2.86.1.1.7)	JN.1.7* (Nextclade)	1 355	388	107.46%	100.96%	113.96%	S:T572I S:E1150D
⭐	JN.1.11 (BA.2.86.1.1.11)	JN.1.11* (Nextclade)	185	35	102.85%	89.84%	115.86%	

Chat

⭐	JN.1.9.1 (BA.2.86.1.1.9.1)	JN.1.9.1* (Nextclade)	54	12	100.02%	78.08%	121.96%	S:T572I ORF1a:A3143V
⭐	XDN	XDN* (Nextclade)	179	19	97.16%	84.56%*	109.76%	JN.1.1/JD.1 recombinant
⭐	JN.1.4.3 (BA.2.86.1.1.4.3)	JN.1.4.3* (Nextclade)	515	148	93.18%	85.60%	100.76%	S:T572I
⭐	XDP	XDP* (Nextclade)	350	92	92.29%	83.48%	101.10%	JN.1.4/FL.15 recombinant
⭐	Sequences with Slip (S:L455S and S:F456L)	S:L455S, S:F456L	436	104	81.81%	74.96%	88.66%	S:L455S S:F456L
⭐	JN.1.8.1 (BA.2.86.1.1.8.1)	JN.1.8.1* (Nextclade)	1 455	291	81.78%	77.37%	86.18%	S:T572I
⭐	JN.1.14 (BA.2.86.1.1.14)	JN.1.14* (Nextclade)	34	7	80.60%	58.69%	102.50%	S:R346S
	XDT	XDT* (Nextclade)	45	6	79.99%	61.19%*	98.79%	BA.2.86.4/GK.1 recombin
⭐	JN.1.18 (BA.2.86.1.1.18)	JN.1.18* (Nextclade)	750	217	76.73%	71.56%	81.90%	S:R346T direct on the po
⭐	XDD.1.1	XDD.1.1* (Nextclade)	115	19	73.07%	62.06%	84.07%	S:I584V
⭐	JN.2.5 (BA.2.86.1.2.5)	JN.2.5* (Nextclade)	551	79	71.96%	66.48%	77.44%	S:L455S
⭐	XDK	XDK* (Nextclade)	481	83	71.20%	65.55%	76.86%	JN.1.1.1/XBB recombinar
⭐	XDD.1	XDD.1* (Nextclade)	196	29	70.71%	62.35%	79.08%	S:S704L
	XDR	XDR* (Nextclade)	267	56	69.41%	62.16%	76.66%	JD.1.1.1/JN.1.1 recombir
⭐	JN.1.8 (BA.2.86.1.1.8)	JN.1.8* (Nextclade)	2 227	356	67.55%	64.58%	70.52%	ORF7a:T28I
⭐	JN.1.4 (BA.2.86.1.1.4)	JN.1.4* (Nextclade)	23 745	3 096	64.55%	63.19%	65.92%	ORF1a:T170I NSP1:T170
⭐	JN.1.6.1 (BA.2.86.1.1.6.1)	JN.1.6.1* (Nextclade)	196	25	63.91%	56.36%	71.45%	S:R346T
⭐	JN.1 (BA.2.86.1.1)	JN.1* (Nextclade)	112 387	12 286	63.24%	62.35%	64.13%	S:L455S ORF1a:R3821K
⭐	JN.1.21 (BA.2.86.1.1.21)	JN.1.21* (Nextclade)	249	19	60.02%	53.57%	66.47%	S:H1058Y
⭐	JN.1.9 (BA.2.86.1.1.9)	JN.1.9* (Nextclade)	1 298	156	59.33%	56.18%	62.47%	S:Q183H
⭐	JN.1.6 (BA.2.86.1.1.6)	JN.1.6* (Nextclade)	909	104	58.25%	54.70%	61.81%	G22627A
⭐	JN.1.3 (BA.2.86.1.1.3)	JN.1.3* (Nextclade)	233	23	55.24%	49.10%	61.37%	ORF8:Q18Stop
⭐	JN.1.2 (BA.2.86.1.1.2)	JN.1.2* (Nextclade)	1 859	177	52.14%	49.73%	54.55%	S:M1229I
⭐	JN.1.10 (BA.2.86.1.1.10)	JN.1.10* (Nextclade)	79	8	50.71%	41.23%	60.18%	S:T95I
⭐	JN.1.2.1 (BA.2.86.1.1.2.1)	JN.1.2.1* (Nextclade)	49	2	50.49%	38.54%	62.44%	S:H1101Y
⭐	JN.1.5 (BA.2.86.1.1.5)	JN.1.5* (Nextclade)	1 626	104	49.83%	47.42%	52.25%	ORF1b:V1271T NSP13:V
⭐	XDD	XDD* (Nextclade)	1 127	103	49.03%	46.29%	51.77%	EG.5.1.1/JN.1/EG.5.1.1 r
⭐	JN.1.12 (BA.2.86.1.1.12)	JN.1.12* (Nextclade)	27	2	48.95%	33.32%	64.59%	S:F456V
⭐	BA.2.86.1	BA.2.86.1* (Nextclade)	129 038	12 689	48.15%	47.56%	48.75%	C12815T ORF1a:K1973F
⭐	JN.1.19 (BA.2.86.1.1.19)	JN.1.19* (Nextclade)	1 049	95	47.44%	44.72%	50.15%	ORF8:I71V
⭐	BA.2.86	BA.2.86* (Nextclade)	130 879	12 714	46.68%	46.11%	47.25%	Israel/Denmark Saltation
⭐	XDM	XDM* (Nextclade)	30	0	46.55%	32.29%	60.82%	XDA/GW.5/XDA recombi
⭐	KN.1.1 (GK.1.10.1.1.1; XBB.1.5.70.1.10.1.1.1)	KN.1.1* (Nextclade)	23	0	44.90%	29.10%	60.70%	S:N450D
⭐	XDD.2	XDD.2* (Nextclade)	26	1	44.33%	29.66%	59.00%	S:T307I
⭐	JN.1.1.1 (BA.2.86.1.1.1.1)	JN.1.1.1* (Nextclade)	446	36	44.11%	40.41%	47.82%	C1942T S:T572I
⭐	GE.1.2.1 (XBB.2.3.10.1.2.1)	GE.1.2.1* (Nextclade)	639	53	44.11%	40.95%	47.27%	S:R478T S:A376S
⭐	JN.1.1 (BA.2.86.1.1.1)	JN.1.1* (Nextclade)	14 881	751	42.45%	41.51%	43.39%	C11747T ORF1a:F499L I
⭐	JN.1.1.3 (BA.2.86.1.1.1.3)	JN.1.1.3* (Nextclade)	52	4	38.88%	29.42%	48.34%	S:R346T ORF1b:H2388Y
⭐	HV.1.11 (EG.5.1.6.1.11; XBB.1.9.2.5.1.6.1.11)	HV.1.11* (Nextclade)	73	8	37.37%	29.57%	45.17%	S:N450D
⭐	JG.3.2 (EG.5.1.3.3.2; XBB.1.9.2.5.1.3.3.2)	JG.3.2* (Nextclade)	1 780	79	36.84%	35.09%	38.59%	S:N450D
⭐	JN.1.1.2 (BA.2.86.1.1.1.2)	JN.1.1.2* (Nextclade)	94	7	36.62%	29.85%	43.40%	S:G181E
⭐	JN.1.1.4 (BA.2.86.1.1.1.4)	JN.1.1.4* (Nextclade)	106	4	36.33%	29.96%	42.70%	S:V1264L
⭐	KL.1.1 (HV.1.6.1.1.1; EG.5.1.6.1.6.1.1.1; XBB.1.9.2.5.1.6.1.6.1.1.1)	KL.1.1* (Nextclade)	87	2	36.08%	29.09%	43.06%	S:H1101Y

	Lineage	Nextclade	Count	Count2	Value	Value2	Value3	Mutations
⭐	JN.12 (BA.2.86.1.12)	JN.12* (Nextclade)	35	0	35.48%	24.66%	46.31%	S:F456V N:S327L
⭐	BA.2	BA.2* (Nextclade)	135 970	12 972	35.44%	35.03%	35.85%	
⭐	JN.3.2.1 (BA.2.86.1.3.2.1)	JN.3.2.1* (Nextclade)	48	0	35.29%	26.07%	44.50%	S:F456V N:S327L
⭐	KL.1 (HV.1.6.1.1; EG.5.1.6.1.6.1.1; XBB.1.9.2.5.1.6.1.6.1.1)	KL.1* (Nextclade)	410	10	33.31%	30.18%	36.43%	S:K444N
⭐	GE.1.2 (XBB.2.3.10.1.2)	GE.1.2* (Nextclade)	786	65	32.49%	30.24%	34.74%	S:N148T
⭐	HV.1.9 (EG.5.1.6.1.9; XBB.1.9.2.5.1.6.1.9)	HV.1.9* (Nextclade)	115	13	30.26%	24.86%	35.66%	S:N211I S:T1117I
⭐	HN.4.1.1 (FL.1.5.1.4.1.1; XBB.1.9.1.1.5.1.4.1.1)	HN.4.1.1* (Nextclade)	60	4	29.76%	22.37%	37.16%	S:I68T S:L452R S:E554K
⭐	JN.10 (BA.2.86.1.10)	JN.10* (Nextclade)	358	8	28.77%	25.75%	31.80%	T3565C S:A475V
⭐	JN.6 (BA.2.86.1.6)	JN.6* (Nextclade)	676	22	28.72%	26.48%	30.96%	S:V193L
⭐	JN.2.2 (BA.2.86.1.2.2)	JN.2.2* (Nextclade)	101	5	28.65%	23.06%	34.24%	S:T572I N:G25C ORF1a:
⭐	JG.3.4 (EG.5.1.3.3.4; XBB.1.9.2.5.1.3.3.4)	JG.3.4* (Nextclade)	84	1	26.66%	20.77%	32.56%	S:K478R
⭐	JC.5.1 (XBB.1.41.1.5.1)	JC.5.1* (Nextclade)	183	10	26.56%	22.57%	30.55%	S:Q173K
⭐	KH.1 (JE.1.1.1.1; GJ.1.2.1.1.1.1.1; XBB.2.3.3.1.2.1.1.1.1.1)	KH.1* (Nextclade)	179	11	26.02%	22.02%	30.02%	N:L13F S:E554K
⭐	JN.11 (BA.2.86.1.11)	JN.11* (Nextclade)	245	10	25.65%	22.25%	29.06%	S:V1104L
⭐	FW.1.1.1 (XBB.1.28.1.1.1.1)	FW.1.1.1* (Nextclade)	168	3	25.09%	21.04%	29.14%	S:A684T ORF1a:S2285F NSP5:K90R
⭐	JN.4 (BA.2.86.1.4)	JN.4* (Nextclade)	556	11	25.05%	22.78%	27.31%	S:A475V
	Level 8	[exactly-8-of: S:346, S:356, S:444, S:445, S:450, S:446, S:452, S:460, S:F486, S:490, S:494, S:493Q]& ! (S:346- I S:356- I S:444- I S:445- I S:450- I S:446- I S:452- I S:F486- I S:490- I S:494-) & !nextstrainClade:21K	161 366	11 573	24.77%	24.47%	25.07%	From Cornelius Roemer Quiroga and Cornelius R
⭐	HV.1.6.1 (EG.5.1.6.1.6.1; XBB.1.9.2.5.1.6.1.6.1)	HV.1.6.1* (Nextclade)	645	10	24.13%	22.06%	26.21%	S:S704L
⭐	HV.1.10 (EG.5.1.6.1.10; XBB.1.9.2.5.1.6.1.10)	HV.1.10* (Nextclade)	129	8	24.08%	19.56%	28.60%	S:R452W
⭐	JN.2 (BA.2.86.1.2)	JN.2* (Nextclade)	4 770	149	23.98%	23.13%	24.83%	ORF1a:Y621C NSP2:Y4
⭐	HK.3.14 (EG.5.1.1.3.14; XBB.1.9.2.5.1.1.3.14)	HK.3.14* (Nextclade)	84	1	23.46%	17.94%	28.97%	S:A475V ORF1b:I2378T
⭐	JN.3.2 (BA.2.86.1.3.2)	JN.3.2* (Nextclade)	80	0	23.41%	17.76%	29.06%	N:H300Y ORF1a:P892S
⭐	JN.2.1 (BA.2.86.1.2.1)	JN.2.1* (Nextclade)	172	6	23.04%	19.21%	26.88%	S:S31F
⭐	BA.2.86.1 without JN.1	nextcladePangoLineage:BA.2.86.1* &! nextcladePangoLineage:JN.1*	16 651	403	22.75%	22.22%	23.28%	
⭐	BA.2.86 without JN.1	nextcladePangoLineage:BA.2.86* &! nextcladePangoLineage:JN.1*	18 492	428	22.20%	21.69%	22.71%	
⭐	HK.3.2.2 (EG.5.1.1.3.2.2; XBB.1.9.2.5.1.1.3.2.2)	HK.3.2.2* (Nextclade)	306	9	21.92%	19.09%	24.76%	S:N185D
⭐	BA.2.86.5	BA.2.86.5* (Nextclade)	66	0	21.81%	15.78%	27.83%	C5575T T6085C T23278
⭐	JN.2.3 (BA.2.86.1.2.3)	JN.2.3* (Nextclade)	138	0	20.70%	16.60%	24.79%	S:V193L
⭐	HV.1.1 (EG.5.1.6.1.1; XBB.1.9.2.5.1.6.1.1)	HV.1.1* (Nextclade)	1 556	55	20.23%	18.96%	21.49%	ORF1a:T4083M NSP8:T
⭐	JN.9 (BA.2.86.1.9)	JN.9* (Nextclade)	316	9	19.93%	17.25%	22.60%	S:M1229I
⭐	KK.1 (JD.1.1.8.1; XBB.1.5.102.1.1.8.1)	KK.1* (Nextclade)	257	7	19.90%	16.94%	22.86%	S:D1153H

⭐	KE.1 (GW.5.1.1.1; XBB.1.19.1.5.1.1.1)	KE.1* (Nextclade)	101	0	19.81%	15.12%	24.50%	S:F186S
⭐	JD.1.1.1 (XBB.1.5.102.1.1.1)	JD.1.1.1* (Nextclade)	2 404	36	19.12%	18.11%	20.13%	S:Y248H
⭐	BA.2.86.3	BA.2.86.3* (Nextclade)	686	8	19.02%	17.22%	20.83%	C222T C1960T T12775C
⭐	JN.3 (BA.2.86.1.3)	JN.3* (Nextclade)	1 649	32	18.66%	17.47%	19.85%	ORF1a:T2087I NSP3:T1:
⭐	HK.20.1 (EG.5.1.1.20.1; XBB.1.9.2.5.1.1.20.1)	HK.20.1* (Nextclade)	797	12	18.62%	16.95%	20.30%	S:G482R
⭐	HK.22 (EG.5.1.1.22; XBB.1.9.2.5.1.1.22)	HK.22* (Nextclade)	245	4	18.61%	15.66%	21.57%	S:L455F S:L452Q
⭐	HK.20 (EG.5.1.1.20; XBB.1.9.2.5.1.1.20)	HK.20* (Nextclade)	815	12	18.30%	16.65%	19.95%	ORF1a:P2144S NSP3:P
⭐	HK.3.13 (EG.5.1.1.3.13; XBB.1.9.2.5.1.1.3.13)	HK.3.13* (Nextclade)	294	4	17.86%	15.20%	20.53%	S:Q14R
⭐	XDA	XDA* (Nextclade)	1 429	25	17.52%	16.27%	18.77%	XBB.1.16/HN.5 recombin
⭐	HK.3.2 (EG.5.1.1.3.2; XBB.1.9.2.5.1.1.3.2)	HK.3.2* (Nextclade)	4 940	72	16.22%	15.51%	16.92%	S:Q14K
⭐	BA.2.87	BA.2.87* (Nextclade)	9	1	6.18%	-6.53%	18.88%	C18744T -C9866T
⭐	BA.2.86.4	BA.2.86.4* (Nextclade)	32	0	5.46%	-1.23%	12.16%	S:A222V
	XDQ	XDQ* (Nextclade)	106	40	Can't be calculated	...	...	BA.2.86.1/FL.15.1.1 reco
⭐	JN.1.13 (BA.2.86.1.1.13)	JN.1.13* (Nextclade)	195	59	Can't be calculated	...	...	S:A1087S
⭐	JN.1.15 (BA.2.86.1.1.15)	JN.1.15* (Nextclade)	132	15	Can't be calculated	...	...	S:A688V
⭐	JN.1.4.1 (BA.2.86.1.1.4.1)	JN.1.4.1* (Nextclade)	146	15	Can't be calculated	...	...	S:E654V
⭐	JN.1.16 (BA.2.86.1.1.16)	JN.1.16* (Nextclade)	214	39	Can't be calculated	...	...	S:F456L
⭐	JN.1.17 (BA.2.86.1.1.17)	JN.1.17* (Nextclade)	92	7	Can't be calculated	...	...	S:A222V

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The sequence data was updated: Last Monday at 6:50 PM

Nextclade dataset version: 2024-02-16--04-00-32Z

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